Varimixer

Motor Removal Instructions
Models W30-W150

PLEASE REFER TO THE DIAGRAM ON PAGE 2

1 REMOVE NUT (J) AND SHIM WASHERS (H)

2 PRY OFF FORK ASSEMBLY (X).

3 REMOVE SPECIAL V-BELT (A).

4 REMOVE TWO 17MM BOLTS (V)

5 REMOVE 4 BOLTS FROM MOTORPLATE (T).

6 ON OLDER MODEL MIXERS WITH SINGLE PHASE MOTORS,IT MAY BE NECESSARY

TO DISCONNECT THE START & RUN CAPACITORS FROM THE SIDE OF THE

MOTOR BEFORE LIFTING THE MOTOR OUT OF THE MIXER.

7 LIFT MOTOR OUT OF MIXER BODY. SET MOTOR ASSEMBLY ON A BOARD LAYED ACROSS THE TOP OF THE MIXER.

8 DISCONNECT WIRE HARNESS FROM MOTOR.

NOTE: DO NOT FOLLOW STEPS 9-12 IF YOU ARE REPLACING THE WHOLE

ASSEMBLY. (MOTOR ,GEARBOX,MOTOR PLATE AND PULLEY.

9 GRASP TOP PULLEY (W) AND BANG AGAINST CLAMPING RING & WASHER (S)

THIS ACTION WILL REMOVE PULLEY FROM MOTOR SHAFT.

10 REMOVE 4 SLOTTED HEAD SCREWS FROM MOTOR PLATE TO MOTOR.

REMOVE MOTOR PLATE.

11 INSTALL MOTOR PLATE ONTO MOTOR,TIGHTEN 4 SLOTTED HEAD SCREWS.

INSURE CAPACITORS WILL FACE THE REAR OF THE MIXER WHEN MOTOR IS

INSTALLED.

12 INSTALL MOTOR PULLEY ONTO MOTOR SHAFT,TAKING CARE TO ALIGN KEY WITH KEYWAY. BANG TOP PULLEY AGAINST BOTTOM PULLEY UNTIL INSTALLED.

13 PLACE MOTOR ON TOP OF MIXER AND CONNECT MOTOR TO HARNESS. (FOLLOW DIAGRAM ON MOTOR)

14 LOWER MOTOR INTO MIXER BODY.INSTALL 4 BOLTS (T) TO THE MOTOR PLATE. DO NOT TIGHTEN!

15 INSTALL 2 17MM BOLTS (V)

16 MEASURING THE DISTANCE BETWEEN PULLEYS (B),ON 30QT. & 40 QT. THE

DISTANCE SHOULD BE 11 1/2 INCHES.SLIDE MOTOR TO REACH THIS DISTANCE.

ON 60QT.-150QT.,THE DISTANCE SHOULD BE 12 1/4"S.

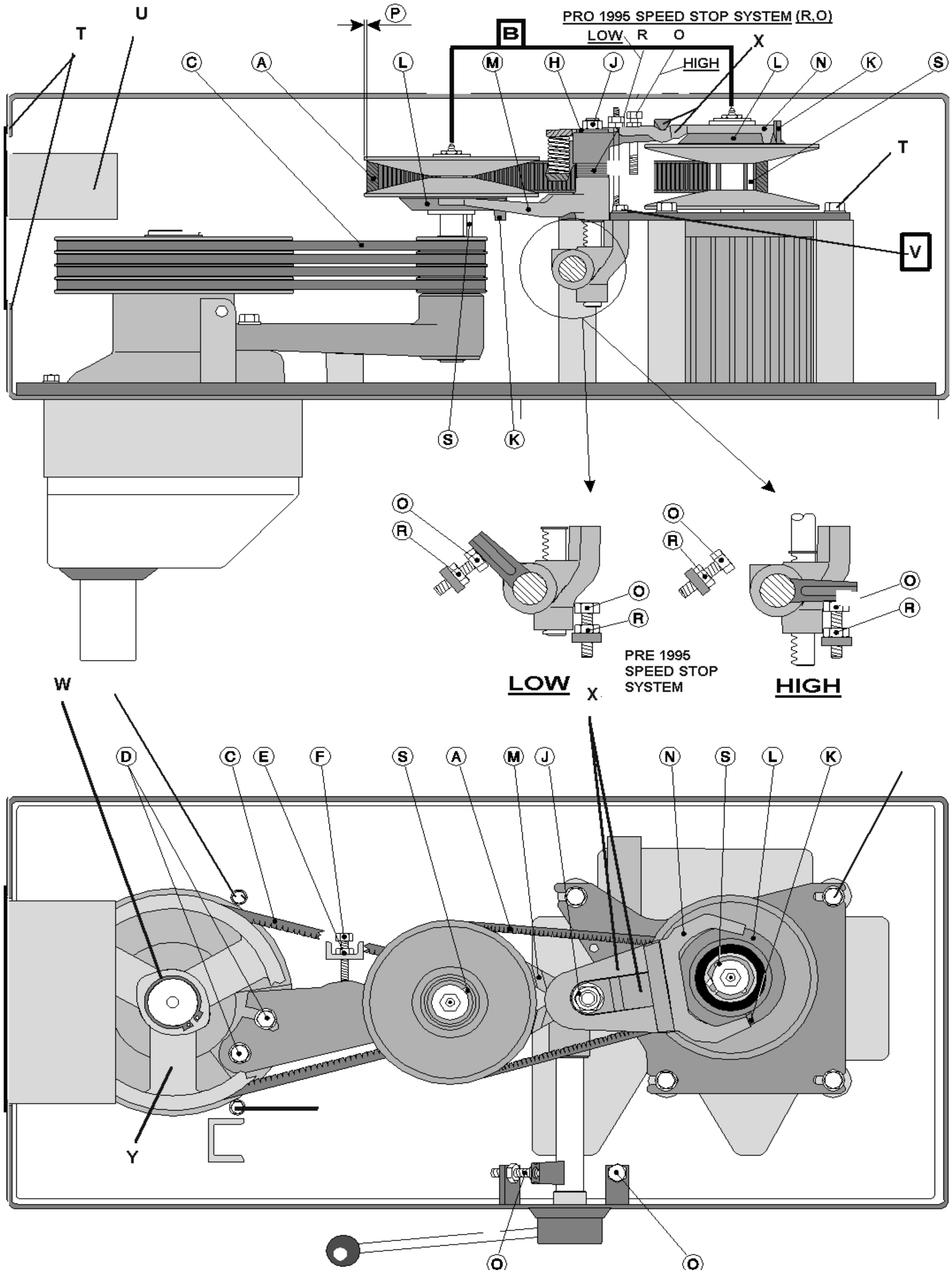
17 TIGHTEN 13 MM BOLTS (T) AND 17 MM BOLTS (V).

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18 INSTALL SPECIAL V-BELT (A).

19 INSTALL FORK ASSEMBLY (X).

20 INSTALL WASHERS (G) (H) AND NUT (J).DO NOT TIGHTEN NUT.

21 START THE MIXER AND TIGHTEN THE NUT (J).
DO NOT OVERTIGHTEN!

22 ON THE FRONT PULLEY SET,THE STUD (K) ON THE VARISPEED COLLAR (L) MUST BE PLACED INSIDE THE LOWER FORK (M),AND ON THE REAR PULLEY SET OUTSIDE THE FORK (N).

23 ADJUST THE SPEED BY TURNING THE THE STOP SCREWS (O) IN OR OUT.

24 THE STOP SCREWS (O) ON THE SPEED LEVER SHOULD BE ADJUSTED SO THAT THE MEASUREMENT (P) IS 1-2MM ON THE FRONT AND REAR PULLEY,AT HIGH AND LOW SPEED,

RESPECTIVELY.TIGHTEN THE JAM NUTS (R) WHEN THE SPEED IS CORRECTLY ADJUSTED.